

FIG. 1

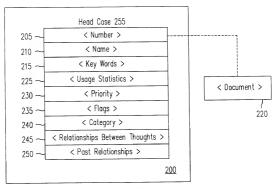


FIG. 2

| operties | | |
|-----------------------|--|------------------------|
| | | |
| | Cortex | |
| Key Words | software brain metaph | nors thoght innovative |
| Category | Company | ∇ Categories |
| Created: Modified: | May 30, 96, 09:57: May 30, 96, 09:57: | |
| Total Tir | ne: 0 days, 01.06.59 | <u>H</u> istory |

FIG. 7

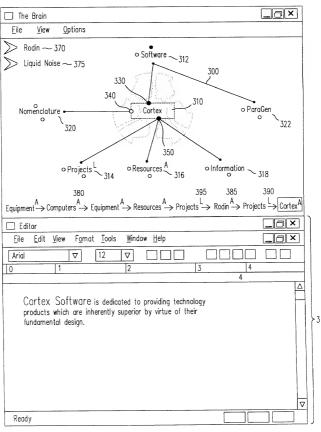


FIG. 3

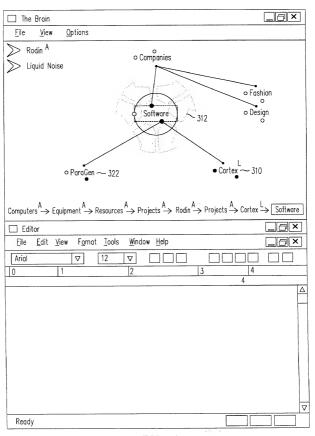
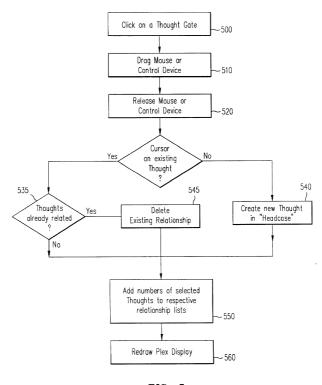


FIG. 4



DODDS DAARD

FIG. 5

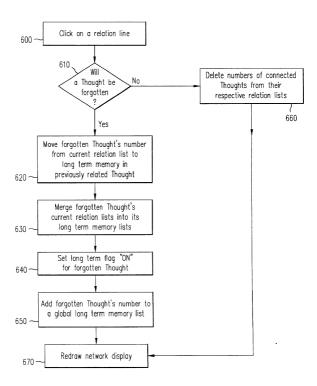


FIG. 6

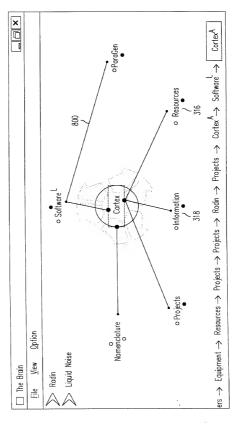


FIG. 8

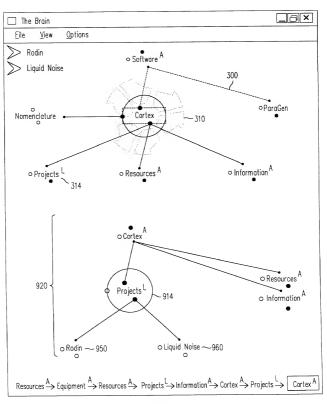


FIG. 9

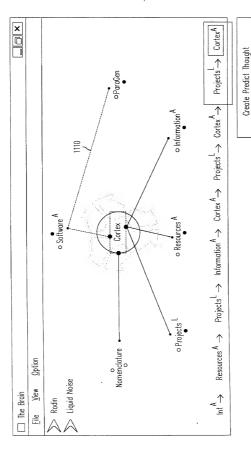
```
boolean CheckForlsolation(int centralThought, int targetThought)
      // this function checks if centralThought is related to targetThought
      // via ony of targetThought's relations (not directly)
      //remove centralThought as a direct relation from targetThought
      RemoveRelation(targetThought, centralThought);
      //creote an empty thought list to keep trock of the search
         intList searchList=CreateEmptyList();
      //start recursive seorches on eoch of targetThought's direct relotions
        int relotion=GetFirstRelation(targetThought);
        boolean found;
        do {
                  found=Search(relation, centrolThought, searchList);
                 if(found) }
                         //centralThought was found, no need to search any further
                         break;
                //this loop will end when there are no more relations
       } while(relation=GetNextRelation(targetThought);
      //add centralThought back onto targetThought os a relation
      AddRelation(targetThought, centralThought);
      return found:
```

FIG. 10a

Figure 10, cant'd

```
baalean Search(saurce, dest, seachList)
        if(Find(saurce, searchList)) {
               //source has already been searched
               return FALSE;
        //add source to the searchList
         Add(source, searchList)
         if(source = dest) {
               //this is the destination, we have found it
               return TRUE:
        //recursive searches an each of sources direct relations
         int relation=GetFirstRelation(source);
         baolean faund;
         da {
                found=Search(relation, dest, searchList);
                if(faund) {
                        //centralThaught was found, no need to search any further
                        break:
               //this laap will end when there are na mare relations
         } while(relation=GetNextRelation(targetThought);
             return found;
```

FIG. 10b



DIDTARY MARKET

FIG. 11

1120

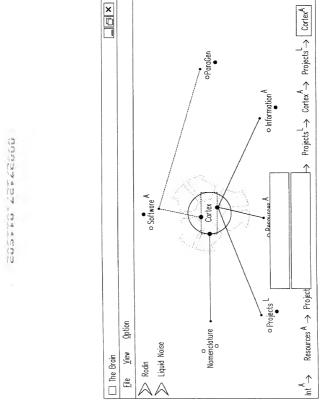
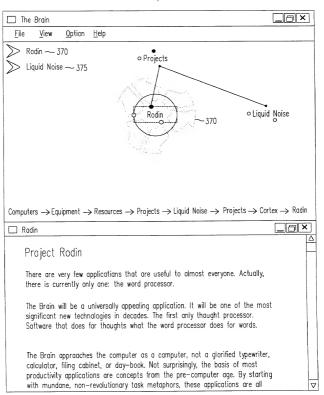


FIG. 12



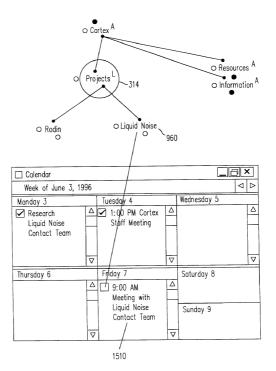


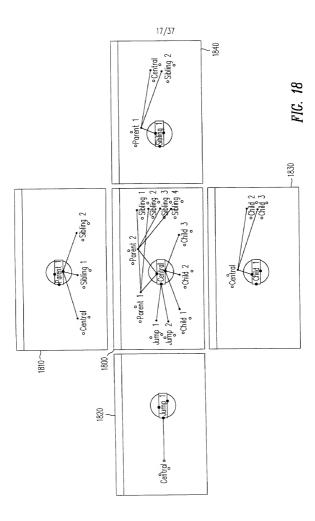
FIG. 15

15/37 .brn file header information signature version thought size number of thoughts other thought number preference information signature color preferences speeds times locations other preferences thought data thought 1 number children parents jumps name location keywords category events time active time created time modified time accessed time forgotten access category priority calendar event info is blank current version number thought 2 thought 3

FIG. 16

```
ForgetThought (fNum)
  //mark all the children of the selected thought
   list.Clear();
   MarkChildren (fNum, list);
   //unmark the active thought
   list, RemoveThought (activeThought);
   //unmark thoughts with unmarked parents
   INum = list.GetFirstNum();
   while(INum != 0)
       if(INum != fNum)
                           //don't unmark the selected thought
       pNum = GetFirstThoughtParent (INum);
        while(pNum != 0)
                                                               MarkChildren(rNum, list);
                                                              // remember all the thoughts on the list
          if(list.Contains(pNum) == FALSE)
                                                              1Num = list.GetFirstNum();
                                                              while(INum != 0)
          if(IsThoughtInLongTermMemory (pNum) == FALSE)
                                                                RememberThought(INum);
         //unmark all the children of the unmarked parent
                                                                1Num = list.GetNextNum();
         childList.Clear():
          MarkChildren(pNum, childList);
                                                             MarkChildren(num, list)
          list.RemoveList(childList);
                                                               list.AddThought(num);
                                                               cNum = GetFirstChild(num);
      pNum = GetNextThoughtParent(INum);
                                                                while(cNum != 0)
                                                                 MarkChildren(cNum, list);
    1Num = list.GetNextNum();
                                                                 cNum = GetNextChild(num);
        //now forget all the thoughts left on the list
        1Num = list.GetFirstNum();
        while(INum != 0)
         Forget Thought (INum);
         1Num = list.GetNextNum();
      RememberThought(rNum)
         //mark all the children of the selected thought
         list.Clear():
```

FIG 17



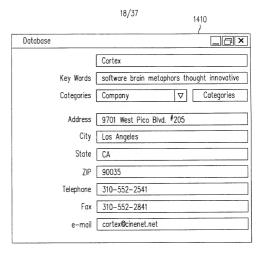


FIG. 14

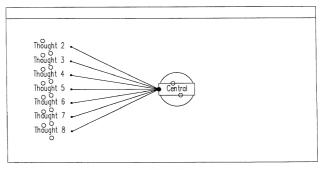


FIG. 19

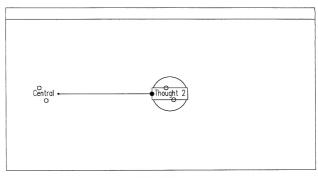


FIG. 20

| Spider Site | |
|--|------------------|
| Name: Lycos Location: http://www.lycos.com/ | Depth 2 |
| | |
| | Add Redundant |
| | ✓ Add Non-Local |
| | Spider Non-Local |
| | Start |
| | Stop |
| | Sort |
| Done | Close |

FIG. 35

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| File Edit Insert | | | | | | | - | Keywords The Base doe | rile Log inte Dium.uoc | Active 0 dovs 012:11:37 | Created May 07, 97 02:05:14 AM | Modified Mdy U7, 97 U2: U3: 14 AM | ∇ 12 | | Document describing the Broin for first | time users | |
| Melcome to the Brain doc Discourse Lie Lie | × | × | | | | | | | 3 | | | | | □ | | Δ | |
| | loc | 1 | | | D. C. C. | בן מוווי. | | | | | | | | | | | Ln 3 |
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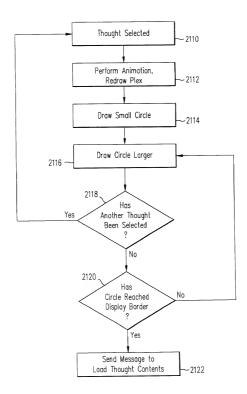


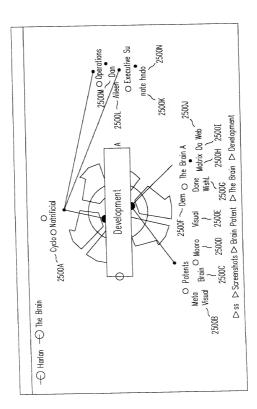
FIG. 22

Algarithm far drawing the plex with distant thoughts

| 1. | 2. 3. 4. 5. | Create a list of thoughts to be drawn and their on screen locations: Add the central thought to the list. Add children to the list. Add jumps to the list. Add jumps to the list. |
|-----|----------------------|---|
| | 6. | Add siblings to the list, checking first that they are nat already an the list. |
| | 7. | Add distants of children to the list, checking first that they are not already on the list. |
| | 8. | Add distants of parents to the list, checking first that they are not already on the list. |
| | 9. | Add distants of jumps to the list, checking first that they are not already on the list. |
| | 10. | Add distants of siblings to the list, checking first that they are not already an the list. |
| 11. | 12. | Draw the lines that cannect each thought: Far each item in the list: |
| | | Get each item in the list: If the two items are related, draw lines between them from and to the appropriate gates. |
| 15. | 16. | Draw the distant thaughts: Far each item in the list: |
| | 10. | 17. If it is a distant thought, draw it. |
| 18. | 19. | Draw the other thoughts: For each item in the list: 20. If it is not a distant thought, draw it. |

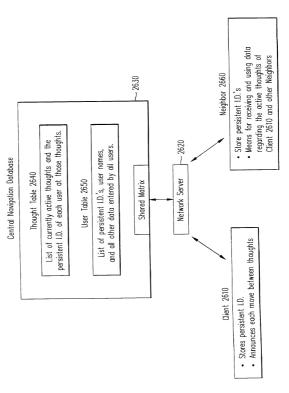
FIG. 23

```
line connects the method for searching thoughts \frac{23}{37}
lines to find a route from nSrc to nDest other than a direct relation
returns TRUF if found
booleon Search(int nSrc. int nDest)
    //create the lists
    ThoughtList posList:
                              list of thoughts that possibly connect
                              list of thought that do not connect
    ThoughtList notList:
    //empty the lists
    posList.Initialize():
     notList.Initialize():
    //add the source to the not list since we cannot go directly to the destination
     notList.Add(nSrc):
    //since we cannot go directly to the destination,
    //add all relates except the destination to the possible list
     Thought src(nSrc):
     for(int n = 0; n++)
           int nRel = src.GetRelate(n);
           if(!nRel)
                                                                int nRel = test.GetRelate(n);
                                                                if(!nRel)
                 //no more relations, done
                 break:
                                                                          //no more relations, done
                                                                          break:
            if(nRel != nDest)
                                                                if(!notList.Exists(nRel))
                  // add it to the possibly connect list
                  posList.Add(nRel);
                                                                      //not checked yet, add to possible list
                                                                            posList.Add(rel);
   while(TRUE)
                                                                    //remove this one from the possible list
            //check the first possibility
                                                                       posList.Remove(nTest);
            int nTest = posList.GetFirst();
            if(!nTest)
                                                                  // we've checked everything there is
                                                                     no other way to get from nSrc to nDest
                    //nothing on the list, done
                                                                    return FALSE:
                    break.
             Thought test(nTest):
             if(test.lsRelated(nDest))
                    //this one is related to the destination, we're done
                     return TRUE:
           //does not connect, add it to the does not connect list
            notList.Add(nTest);
            //add all related thoughts except those already checked to possible list
                                                                                              FIG 24
            for(int n = 0; ;++)
```



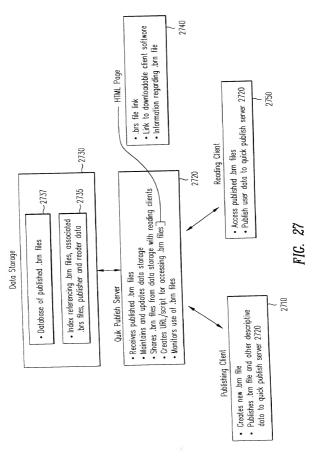
STATE STATES

FIG. 25



CONTRACT CARRO

FIG. 26



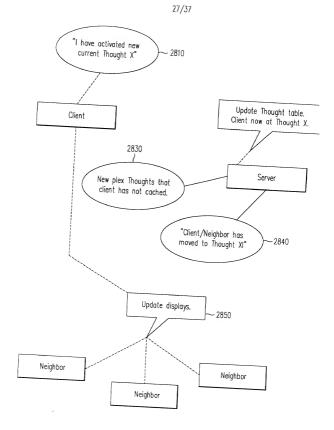
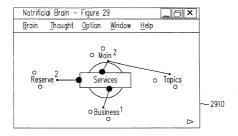
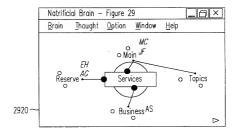
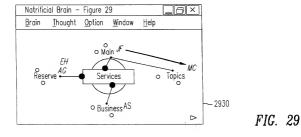


FIG. 28







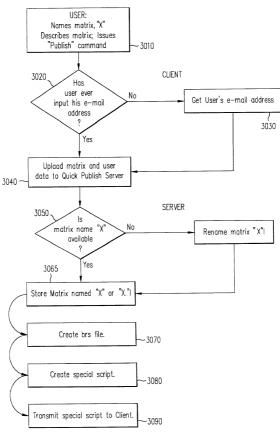
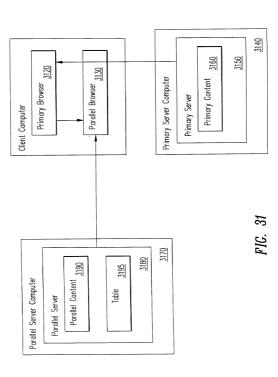
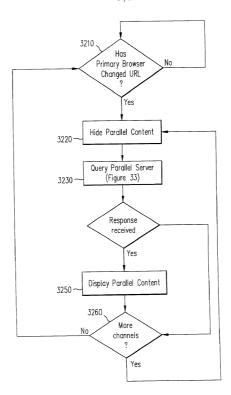


FIG. 30





ONDERS TAKENS

FIG. 32

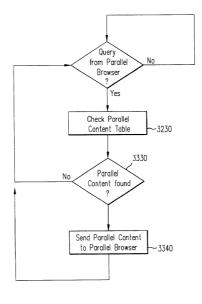
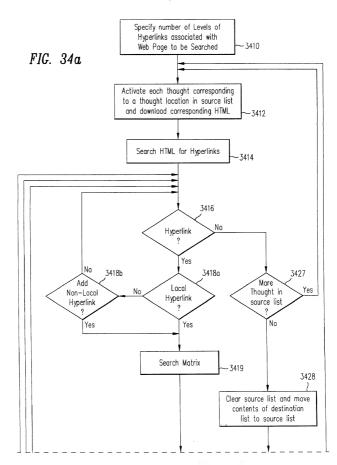
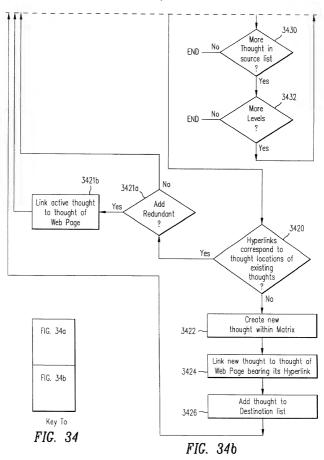


FIG. 33







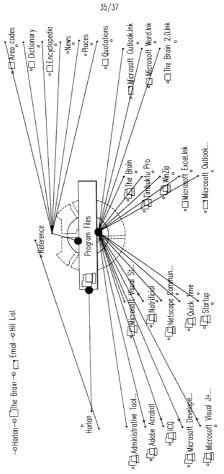


FIG. 36

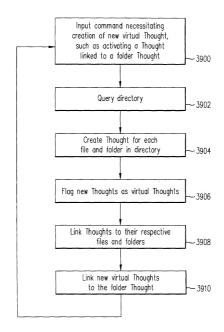


FIG. 37

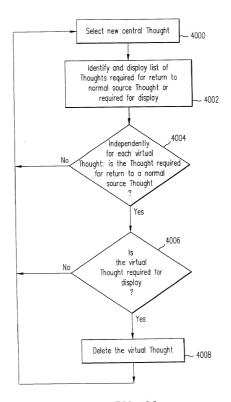


FIG. 38